AGS / Poker Schedule for June '98

1 antenna

	AM1	FAST	IRS-1D	Sampex	SNOE	TOMS-EP	TRACE
views	10.0	1.7	9.7	9.2	3.5	9.6	9.6
reguired	1.0	1.7	6.0	1.0	1.0	9.6	5.0
estimate	2.9	1.4	6.4	3.0	0.7	9.3	5.3
as % of views	29%	81%	66%	32%	19%	97%	55%
as % of desired	287%	81%	106%	297%	67%	97%	105%
priority	4	1	3	4	3	1	2

note: AM1 must be supported on 11 meter X/S antenna,
and IRS-1D can only be supported on TOTS.

2 antennas

	AM1	FAST	IRS-1D	Sampex	SNOE	TOMS-EP	TRACE
estimate	6.5	1.7	8.1	7.0	2.2	9.6	9.2
as % of views	65%	100%	84%	76%	63%	100%	96%
as % of desired	653%	100%	136%	697%	220%	100%	185%
priority	4	1	3	4	3	1	2

2 antennas with AM1 primary!

	AM1	FAST	IRS-1D	Sampex	SNOE	TOMS-EP	TRACE
estimate	10.0	1.4	7.7	7.0	1.6	9.3	8.1
as % of views	100%	81%	79%	76%	46%	97%	85%
as % of desired	100%	81%	128%	697%	160%	97%	163%
priority	1	2	4	5	4	2	3

Notes and Assumptions

Resources at AGS include 8 meter TOTS, and the 11 meter (X/S) .
Analysis assumes two antennas can be operated simultaneously with minimal interference.
Actual schedule may follow specific constraints.
FAST supports limited to views greater than 10 minutes.
SNOE supports limited to specific temporal window.
Analysis shows estimate for potential unconflicted support.
The analysis is based upon one month of satellite propagation.
GN operational concerns not necessarily modeled except for nominal 10 minute turnaround.
This analysis assumes all missions can be supported in unattended mode.
All supports (incl. FAST) assumed to be AOS to LOS (above 5 degree mask).
The scheduling algorithm is not the same used for operational Scheduling of missions.
eg. most missions are over scheduled above for normal support requirements.
This analysis refers only to the AGS site.
Support for some of these mission will also be garnered at WGS, SGS and MGS.
Thus, unmet requirements may be replaced by supports at other site.
Please, refer to composite Loading Analysis for final assessment.